

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Georgios B. Giannakis; Confirmation No. 1066
Liuqing Yang

Serial No.: 10/796,567

Filed: March 8, 2004 Customer No.: 28863

Examiner: Juan A. Torres

Group Art Unit: 2611

Docket No.: 1008-015US01

Title: TIMING SYNCHRONIZATION USING DIRTY TEMPLATES IN ULTRA WIDEBAND (UWB) COMMUNICATIONS

CERTIFICATE UNDER 37 CFR 1.8 I hereby certify that this correspondence is being transmitted via the United States Patent and Trademark Office electronic filing system on August 7, 2007.

By: Beth M. Lindblom
Name: Beth M. Lindblom

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendments
Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

Applicant submits the references listed on the attached form PTO-1449. This Information Disclosure Statement is being filed after a first Office Action on the merits but before a Notice of Allowance or a Final Rejection.

Applicant has enclosed a copy of each article cited. Copies of the U.S. patents are not enclosed as this requirement has been waived by the U.S. Patent Office.

Please charge Deposit Account No. 50-1778 the amount of \$180.00 to cover the required fee set forth in §1.17(p). Please apply any other charges or credits to Deposit Account No. 50-1778.

Respectfully submitted,

Date: August 7, 2007

Shumaker & Sieffert, P.A.
1625 Radio Drive, Suite 300
Woodbury, Minnesota 55125
Phone: (651) 735-1100
Fax: (651) 735-1102

Kent J. Sieffert

By: Kent J. Sieffert
Reg. No.: 41,312

Page 1 of 1

Form 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Docket Number: 1008-015US01	Application Number: 10/796,567
		Applicant: Georgios B. Giannakis; Liqing Yang	
		Filing Date: March 8, 2004	Group Art Unit: 2611
		Examiner Name: Juan A. Torres	

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Issue/Document Publication Date	Name	Filing Date If Appropriate
	2003/0108133 A2	06/12/2003	Richards	
	2004/0156421 A1	08/12/2004	Yamaguchi	
	7,068,715 B2	06/27/2006	Hector et al.	
	6,556,621 B1	04/29/2003	Richards et al.	
	6,925,109 B2	08/2/2005	Richards et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Publication Date	Country	Translation	
				Yes	No

OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication)

	Kumar et al., "Application of Layered Space-Time Processing to Ultrawideband Communication," the 2002 45 th Midwest Symposium on Circuits and Systems, 2002, MWSCAS-2002, Volume 3, 4-7 August 2002, pgs. III - 597-600, Vol. 3.

EXAMINER	Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820
(Also form PTO-1449)

Patent and Trademark Office, U.S. Department of Commerce